

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Clopay Building Products Company 8585 Duke Boulevard Mason, OH 45040

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 2" EPS Ins. W8 Gallery Steel Sectional Garage Door up to 9'-0" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. 104119, titled "Gallery 2" EPS Single Car +54.0/-60.0 PSF", sheet 1 through 4 of 4, dated 07/08/2008, with revision 04 dated 07/03/2014, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, Troy, OH, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA # 09-0929.10 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY
APPROVED

1 09/11/2014

NOA No 14-0514.05 Expiration Date: December 16, 2019 Approval Date: September 18, 2014 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 104119, titled "Gallery 2" EPS Single Car +54.0/-60.0 PSF", sheet 1 through 4 of 4, dated 07/08/2008, with revision 04 dated 07/03/2014, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS

- 1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 9'x 8', 27ga steel garage door Model GD2LP with Lexan MR10 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0326.01-13**, dated 05/01/2013, signed and sealed by David W. Johnson, P.E.

- 2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 16'2"x 8', 27ga steel garage door Model GD2LPW8 with MAK SL and/or MAK 15 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 1105-01-13**, dated 01/14/2014, signed and sealed by David W. Johnson, P.E.

"Submitted under NOA # 09-0929.10"

- 3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of a 9'x 8', 27ga, Series Gallery, Model GD2SP steel garage door, prepared by American Test Lab, Inc., Test Report No. ATLNC 0428.01-09, dated 06/03/2009, signed and sealed by David W. Johnson, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No 14-0514.05

Expiration Date: December 16, 2019 Approval Date: September 18, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (Continued)

4. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. 30160-04-63365, dated 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS

1. Jamb anchor calculations, prepared by Clopay Building Products Company, dated 04/11/2014, signed and sealed by Scott Hamilton, P.E.

"Submitted under NOA # 09-0929.10"

2. Jamb anchor calculations, prepared by Clopay Building Products Company, dated 09/04/2009, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

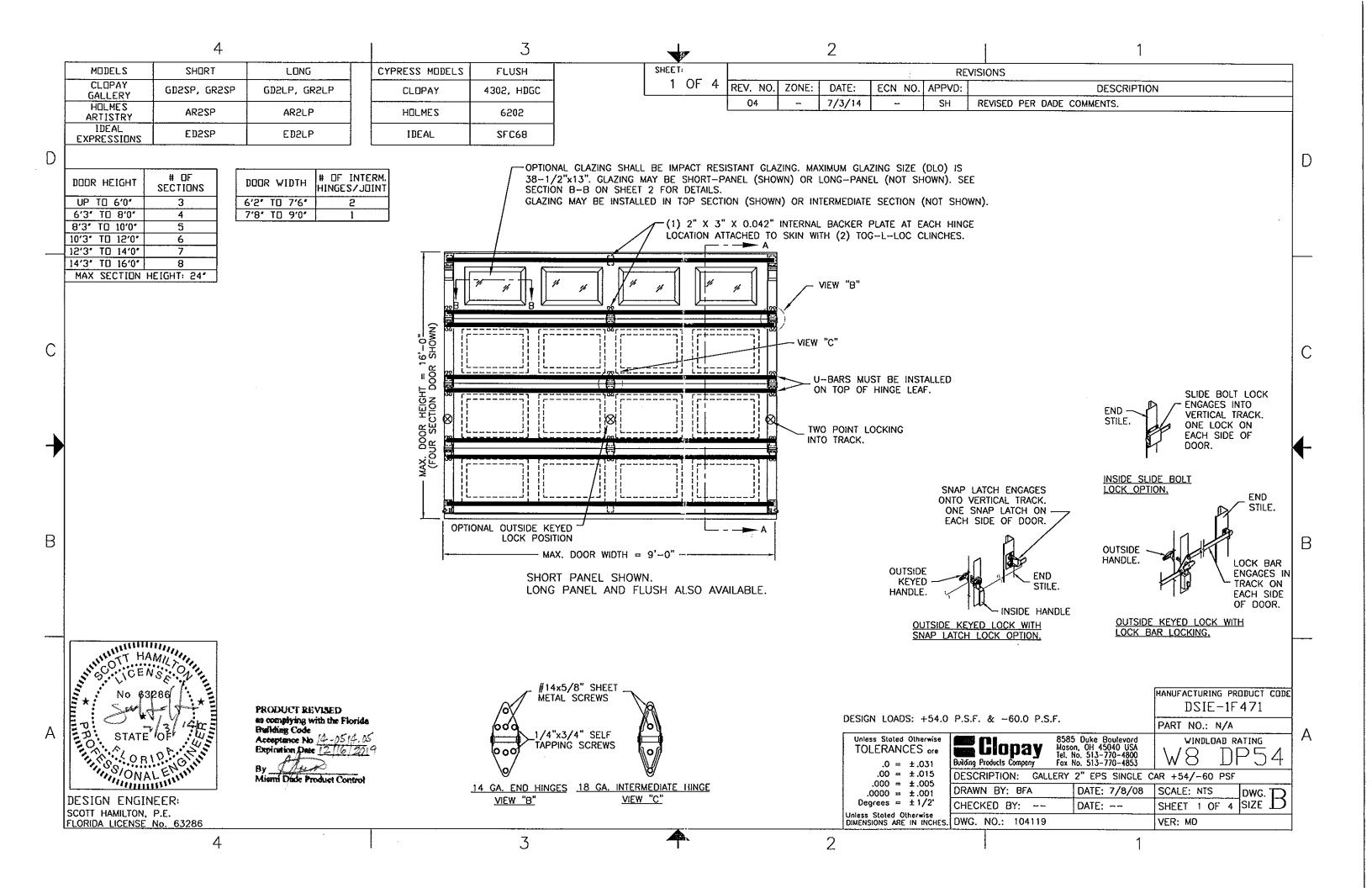
- 1. Notice of Acceptance No. 13-0717.01 issued to SABIC Innovative Plastics for their Lexan Polycarbonate Sheet Products, approved on 11/28/2013, expiring on 07/17/2018.
- 2. Notice of Acceptance No. 12-0605.05 issued to Bayer Material Science LLC (MA) for their Makrolon Polycarbonate Sheets, approved on 12/06/2012, expiring on 08/27/2017.
- 3. Test report on Surface Burning Characteristics, per ASTM E84 of Premier Industries' Type I EPS, Report No. 3082960-500, prepared by Intertek Testing Services, NA, Inc., dated 10/04/2005, signed by Javier Trevino
- 4. Test report on Ignition Properties of Plastics per ASTM D1929 of Premier Industries' Type I EPS, Report No. 3082959-500, prepared by Intertek Testing Services, NA, Inc., dated 09/16/2005, signed by C. Anthony Peñaloza.
- 5. Test report on Surface Burning Characteristics, per ASTM E84 of Falcon's Type I EPS, Report No. 3094867SAT-001, prepared by Intertek Testing Services, NA, Inc., dated 04/13/2006, signed by C. Anthony Peñaloza
- 6. Test report on Ignition Properties of Plastics per ASTM D1929 of Falcon's Type I EPS, Report No. 3094867SAT-002, prepared by Intertek Testing Services, NA, Inc., dated 04/04/2006, signed by C. Anthony Peñaloza.

F. STATEMENTS

1. Statement letters of code conformance to 2010 FBC and no financial interest, both issued by Clopay Building Products Company, dated 04/11/2014, signed and sealed by Scott Hamilton, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No 14-0514.05

Expiration Date: December 16, 2019 Approval Date: September 18, 2014



2 SHEET: MODELS SHORT LONG CYPRESS MODELS FLUSH **REVISIONS** CLOPAY 2 OF 4 REV. NO. ZONE: DATE: ECN NO. APPVD: **DESCRIPTION** GD2SP, GR2SP GD2LP, GR2LP 4302, HDGC CLOPAY GALLERY SEE REVISION HISTORY ON SHEET ONE. 04 HOLMES AR2SP **AR2LP** HOLMES 6202 ARTISTRY IDEAL EDSSP ED2LP IDEAL SFC68 **EXPRESSIONS** IMPACT-RESISTANT CONSTRUCTION: SOLID DOORS (NO GLAZING) OR DOORS WITH OPTIONAL IMPACT-RESISTANT GLAZING ARE IMPACT-RESISTANT. OPTIONÁL IMPACT RESISTANT ASSEMBLY CONSISTS OF ALUMINUM FRONT FRAME AND SABIC IP LEXAN 9034 (VERSIONS ALSO APPROVED: MR10, 9030, 90318, 90316, 90317, 90311, 90314, 90355) OR BAYER MAKROLON GP (VERSIONS ALSO APPROVED: SL, AR, 15), APPROVED CC1 PLASTICS IN ACCORDANCE WITH IBC/FBC 2606 AND APPROVED C1 PLASTICS IN ACCORDANCE WITH FBC 2612. THE ENTIRE DOOR ASSEMBLY INSTALLED IN COMPLIANCE WITH THIS SECTION MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE AND IS LARGE- AND SMALL-MISSILE IMPACT RESISTANT. SECTION B-B (IMPACT-RESISTANT GLAZING OPTION) INSULATED DOOR SECTION. -INTERIOR OF DOOR. DECORATIVE FACADE. #8-18 x 1/2" SELF-TAPPING EXTERIOR OF DOOR. SCREWS: (12) FOR SHORT LITES; 16 FOR LONG LITES. 3/4" GLAZING BITE. #8-18 x 1/2" CELLULAR PVC RETAINER. SELF-TAPPING SCREWS: (8) FOR SHORT LITES; --6063-T5 ALUMINUM FRAME. (12) FOR LONG LITES. В 1/4" THICK POLYCARBONATE IMPACT-RESISTANT GLAZING DETAILS MANUFACTURING PRODUCT CODE DSIE-1F471 PRODUCT REVISED DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F. as complying with the Florida SINCER SINCER PART NO.: N/A **Building Code** 8585 Duke Boulevord Moson, OH 45040 USA Tel. No. 513-770-4800 Fox No. 513-770-4853 Acceptance No 14-05/4-03 Unless Stoted Otherwise WINDLOAD RATING Clopay TOLERANCES ore Expiration Date 12/16 / 2019 W8 Building Products Company $.0 = \pm .031$ $.00 = \pm .015$ DESCRIPTION: GALLERY 2" EPS SINGLE CAR +54/-60 PSF Miami Dade Product Control $.000 = \pm .005$ DATE: 7/8/08 DRAWN BY: BFA SCALE: NTS DWG. D $.0000 = \pm .001$ SHEET 2 OF 4 SIZE D Degrees = $\pm 1/2$ CHECKED BY: --DATE: --SCOTT HAMILTON, P.E. Unless Stated Otherwise
DIMENSIONS ARE IN INCHES. DWG. NO.: 104119 VER: MD FLORIDA LICENSE No. 63286

В

CYPRESS MODELS FLUSH CLOPAY 4302, HDGC HOLME'S 6202 IDEAL SFC68

2 SHEET: REVISIONS 3 OF 4 REV. NO. ZONE: DATE: ECN NO. APPVD: DESCRIPTION 04 SEE REVISION HISTORY ON SHEET ONE. + 2" THICK

27 GA. (0.016" MIN.) STEEL EXTERIOR SKIN WITH G-40 MIN. GALV., BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT. MIN. YIELD 36 KSI.

SILICONE FILLED CHANNEL SEPARATES FRONT AND BACK SKIN OF DOOR. 1.95" THICK, 1# DENSITY EXPANDED POLYSTYRENE

FOAM INSULATION LAMINATED TO BOTH EXTEROIR AND INTERIOR SKINS. FOAM INSULATION IS AN APPROVED FOAM PLASTIC (PER FBC 2612.2) AND MEETS REQUIREMENTS OF FBC/IBC 2603.4.1.9.

12 GA. GALV. STEEL TOP ROLLER BRACKET, EACH BRACKET ATTACHED W/(4) #14x5/8" SHEET METAL

TONGUE AND GROOVE JOINTS.

14 GA. GALV. STEEL ROLLER HINGE, EACH FASTENED TO END STILES W/(4) #14x5/8" SHEET METAL SCREWS AND (4) 1/4"X3/4" SELF TAPPING SCREWS

(2) 3" TALL × 20 GA. GALV. STEEL U-BARS PER DOOR SECTION, ATTACHED WITH (2) 1/4"x3/4" SELF TAPPING SCREWS PER HINGE LOCATION.

27 GA. STEEL GALV. INTERIOR SKIN WITH A BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.

3" TALL 50 KSI U-BAR 20 GA. GALV. STEEL.

0

13 GA. GALV. STEEL BOTTOM BRACKET, ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS.

MANUFACTURING PRODUCT CODE

DSIE-1F471

DWG. T

SIZE 1

ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A (SIDE VIEW)

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.

Unless Stated Otherwise

TOLERANCES ore

 $.0 = \pm .031$ $.00 = \pm .015$

 $.000 = \pm .005$

 $.0000 = \pm .001$

Degrees = $\pm 1/2$

PART NO.: N/A 8585 Duke Boulevord Moson, OH 45040 USA Tel. No. 513-770-4800 WINDLOAD RATING Glopay Building Products Company Fax No. 513-770-4853

DESCRIPTION: GALLERY 2" EPS SINGLE CAR +54/-60 PSF DRAWN BY: 8FA DATE: 7/8/08 SCALE: NTS CHECKED BY: --DATE: --SHEET 3 OF 4

Unless Stated Otherwise
DIMENSIONS ARE IN INCHES.
DWG. NO.: 104119

JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- 1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
- 2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +243 LB & -270 LB. PER LINEAR
- FOOT OF JAMB.

 3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
- 4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

PREPARATION OF JAMBS BY OTHERS

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE) ON-CENTER DISTANCE STEEL BETWEEN WASHERS FASTENER TYPE

BUILDING TYPE FASTENERS* REQUIRED? HOLLOW CMU BLOCK WALL

1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR

GROUT-FILLED CMU BLOCK

1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR

2000 PSI MIN. CONCRETE

1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR

2000 PSI MIN. CONCRETE

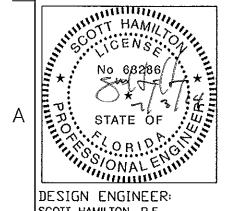
1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR 1" O.D. 1" O.D. 6-3/4* 9-3/4" 1" O.D. 1" O.D. 2000 PSI MIN. CONCRETE | 1/4" x 1 MIN. EMBED HAPON CONCRETE ANCHOR

4000 PSI MIN. CONCRETE | 3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR

4000 PSI MIN. CONCRETE | 3/8" X 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR

WOOD FRAME (SYP 0.55 SG) 1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE 20-3/4" INCLUDED

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE, HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING. CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS. MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.



SCOTT HAMILTON, P.E. FLORIDA LICENSE No. 63286 PRODUCT REVISED as complying with the Florida Beilding Code Acceptance No 14-05/4.05 Expiration Date 12/16/2019

Mignsi Dade Product Control

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VER: MD

